

Form PTO-1449				Docket Number 22003	Docket Number 220032001301		Application Number 10/074,745	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant Peter G. SCHULTZ, et al.					
(0)	(U	se several sheets if	necessary)	Filing Date February 1	1, 2002	Group Art Unit	1627	
/0\F	E			Mailing Date November	er 22, 2002	•		
NOV 2 2		Date	U.S. PATE	NT DOCUMENTS Name	S Class	Subclass	Filing Date If	
Initials	No.	Date	Bocument No.	Name	Class	Subclass	Appropriate	
Examiner Initials	Ref.	Date	FOREIGN PA Document No.	TENT DOCUMEN	NTS Class	Subclass	Translation YES NO	
Hittais	140.					11	TES NO	
	l	<u> </u>	OTHER 1	DOCUMENTS	(includi	ng author, title, Da	te, Pertinent Pages, Etc.)	
Examiner Initials	Ref. No.	Title	-	.	· · · · · · · · · · · · · · · · · · ·			
MZ	1.		l. (1993). "Spatially Res ser Microscopy," Semic			e Materials ar	d Devices by	
	2.		. (1991). "Optical and T tegrating Spheres," SPII		f Transparen	t Materials and	d Surfaces by	
	3.		P.J. et al. (1989). "Raw alysis of Near-Infrared I					
	4.		et al. (1993). "Infrared P tector Materials," Semic			on of Long-Wa	avelength	
	5.		, P.B. et al. (1993). "Syn Abstract No. 26310f).	nthesis of Nanocomp	oosites: Orga	noceramics," (Chem. Abstr.	
Patty, C.E. Jr. et al. (1992). "Optical Materials: Evaluation Methodology and Data Base Utility," Chem. Abstr. 116(8) (Abstract No. 70817j).								
EXAMIN	VER:	WD		DATE CON	SIDERED: 4	NOV 2 CH CENTER 16	Sase Utility," \$ 2002 \$ 2002	
			idered, whether or not the cital			line through the	citation if not in	

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

			et Leer	131.6
Docket Number 220032001301	Application Number	10/4/	745	Q
Applicant		ER	69 0	TI
Peter G	. SCHULTZ, et al.	36	9 2	₹
Filing Date February 11, 2002	Group Art Unit 1627	00/2900	902	Ti
Mailing Date August 26, 2002		90		Ψ

RADEMAN

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
11/2	1.	04/25/1961	2,981,607	Danaczko, Jr.			7
	2.	11/28/1961	3,010,880	Littman et al.			
	3.	01/04/1966	3,227,522	Salisbury, Jr. et al.		/	
	4.	03/04/1969	3,431,077	Danforth			
	5.	11/21/1969	3,474,004	Fink			
	6.	07/14/1970	3,520,716	Okamoto et al.			
	7.	04/21/1965	3,536,452	Norton et al.			
	8.	05/21/1974	3,812,254	McConnell			-
	9.	06/25/1974	3,819,490	Klingstrom et al.			
	10.	02/25/1975	3,868,221	Howard et al.			
	11.	03/18/1975	3,871,935	Gloge et al.			
	12.	11/11/1975	3,919,589	Hanak			
	13.	01/25/1977	4,004,935	Grosvenor et al.			
	14.	07/04/1978	4,099,077	Maekawa			
	15.	01/29/1980	4,185,468	Adams, Jr.			
	16.	09/30/1980	4,225,575	Piasio et al.	1		
	17.	04/21/1981	4,263,010	Randolph	T = T		
	18.	06/28/1983	4,390,722	Lahav et al.	1 1		
	19.	08/28/1984	4,468,419	McBride			
	20.	12/18/1984	4,489,133	Kornberg			
	21.	03/01/1988	4,728,502	Hamill			
	22.	07/05/1988	4,755,363	Fujita et al.			
	23.	06/06/1989	4,837,374	Brown et al.			
1.	24.	08/22/1989	4,859,538	Ribi			
12	25.	09/11/1990	4,956,335	Agostinelli et al.			
MA	26.	02/05/1991	4,990,216	Fujita et al.	1		+

EXAMINER:

DATE CONSIDERED:

Form PT	Form PTO-1449				Docket Number 220032001301		Application Nu	mber 10/074,745
INEC	INFORMATION DISCLOSURE CITATION				Applicant			7
OLA		AN APPLIC			Peter G. SC	HULTE tal.		
AII6 2 6 2	m El (c	lse several sheets if i	necessary)		Filing Date February 11, 2	2002	Group Art Unit	7827
					Mailing Date August 26, 2	2002	NTER	0 2
The same	9405				•			NA THE
THADAN MINI	27.	06/18/1991	5,024,992	Mo	rris			罗田
NA	28.	07/23/1991	5,034,359	Fuk	ishima et al.			/
	29.	08/13/1991	5,039,614	Dek	mezian et al.			
	30.	09/03/1991	5,045,916	Vor	et al.			
	31.	11/12/1991	5,064,802	Ste	vens et al.			
	32.	02/11/1992	5,087,952	Rib	i		7	
	33.	03/17/1992	5,096,867	Can	ich		7	
	34.	06/09/1992	5,120,707	Ma	xfield et al.			
	35.	09/01/1992	5,143,854	Pirr	ung et al.			
	36.	01/26/1993	5,182,081	Hec	legaard et al.		1	
	37.	03/30/1993	5,198,401	Tur	ner et al.	_		
	38.	04/06/1993	5,200,023	Gif	ford et al.			
	39.	10/26/1993	5,256,241	Noe	ever			
	40.	01/25/1994	5,281,540	Me	rkh et al.			
	41.	02/22/1994	5,288,514	Ellr	nan			
	42.	04/26/1994	5,306,411	Ma	zanec et al.		1	
	43.	06/07/1994	5,318,935	Car	nich et al.		1	
	44.	06/28/1994	5,324,483	Coc	ly et al.			
	45.	07/12/1994	5,328,549	Boz	ler et al.			
	46.	09/06/1994	5,344,236	Fisl	nman			
	47.	10/18/1994	5,356,756	Cav	ricchi et al.			
	48.	11/15/1994	5,364,765	Abl	oott			
	49.	11/15/1994	5,365,456	Sub	biah			
	50.	01/24/1995	5,384,261	Wir	nkler et al.			
	51.	05/16/1995	5,416,613	Rol	leston et al.			
	52.	06/13/1995	5,424,186	Fod	or et al.			
	53.	08/29/1995	5,445,934	Fod	or et al.			
	54.	12/26/1995	5,478,800	Itoz	aki et al.			
	55.	06/18/1996	5,527,681	Hol	mes			
M5	56.	08/27/1996	5,550,094	Ali	et al.			
V		11 .					1. 1	
EXAN	EXAMINER: DATE CONSIDERED: DATE CONSIDERED:							
EXAM	EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in							

OTHER DOCUMENTS

WIPO

WIPO

(including author, title, Date, Pertinent Pages, Etc.)

Examiner	Ref.	Title
Initials	No.	
MS	79.	Ackelid et al. (1991). "Local Gas Sampling and Surface Hydrogen Detection in Catalysis on Planar
		CONT NVIVI

EXAMINER:

77.

78.

05/27/1993

09/04/1997

WO 93/09668

WO 97/32208

DATE CONSIDERED:

AUG 2.6 2002 55

PTO/SE/74 (2-92)

ONTR 10-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 220032001301 Application Application Application Application Application Docket Number 40

Applicant

Peter G. SCHULTZ, et al.

Filing Date February 11, 2002

Group Art U 627

Mailing Date August 26, 2002

<u> </u>		Surfaces," Vacuum 42(14):889-895.
MS	80.	Anderson, J.A. (1993). "Infrared Study of CO Oxidation over Pt-Rh/Al2O3 Catalysts," <i>J. Catalysis</i> 142:153-165.
	81.	Archier et al. (1993). "Lateral-chain Methylation of Toluene Over Boron and/or Zinc Modified Cesium-X Zeolite," <i>Proc. Int. Zeolite Conf. 9th</i> 1:525-534.
T	82.	Armstrong, R.W. et al. (1996). "Multiple-Component Condensation Strategies for Combinatorial Library Synthesis," Accounts of Chemical Research 29(3):123-131.
	83.	Barbas et al., (1991). "Assembly of Combinatorial Antibody Libraries on Phage Surfaces: The Gene III Site." <i>Proc. Natl. Acad. Sci.</i> , Vol. 88, pp. 7978-7982.
	84.	Bednorz et al. (1986). "Possible High T _c Superconductivity in the Ba-La-Cu-O System," Condensed Matter 64:189-193.
	85.	Berlincourt, "Proposed Search For High-Temperature Superconductors" Research Proposal (8/28/73)
	86.	Berteau et al. (1991). "Acid-base Properties of Silica-aluminas: Use of 1-butanol Dehydration as a Test Reaction," Appl. Catal. 70:307-323.
	87.	Bielanski, A. (1964). "Some Applications of Electrical Conductivity Measurements to the Investigation of Catalytic Processes on Semiconducting Oxide Catalysts," Chapter 8 in Catalysis and Chemical Kintics. Academic Press Inc.: New York. pp.93-127.
	88.	Blake, James and Litzi-Davis, Leonara. (1992). "Evaluation of Peptide Libraries: An Iterative Strategy to Analyze the Reactivity of Peptide Mixtures with Antibodies." <i>Bioconjugate Chem.</i> , Vol. 3, No. 6, pp. 510-513.
	89.	Boguár, J. (1963). Method for the Quantitative Evaluation of Catalytic Reactions: The Simultaneous Comparison Method," <i>Mikrochim. Ichnoanal. Acta</i> 801-828.(Translation)
-	90.	Borman, S. (1997). "Special Report: Combinatorial Chemistry," Chemical & Engineering News February:371-390.
	91.	Bray, et al., (1990). "The Simultaneous Multiple Production of Solution Phase Peptides; Assessment of the Geysen Method of Simultaneous Peptide Synthesis." <i>Tetrahedron Letters</i> , Vol. 31, No. 40, (1990), pp. 5811-5814.
	92.	Breaker, R.R. (1997). "In Vitro Selection of Catalytic Polynucleotides," Chemical Reviews 97(2):37 390
	93.	Briceno et al. (1995). "A Class of Cobalt Oxide Magnetoresistance Materials Discovered with Combinatorial Synthesis," <i>Science</i> 270:273-275.
	94.	Bunin et al., (1994). "The Combinatorial Synthesis and Chemical and Biological Evaluation of 1,4-benzodiazepine Library." <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 4708-4712.
h	95.	Calleja et al. (1993). "Carbon Monoxide Hydrogenation Over Fe/HZSM-5 Catalysts. Effect of SiO ₂ /Al ₂ o ₃ Zeolite Ratio," <i>Catal. Lett.</i> 18:65-71.
水ク	96.	Camblor et al. (1994). "Influence of the Synthesis Procedure and Chemical Composition on the

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in

AUG. 2 6 2002 82

MATION DISCLOSURE CITATION

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 220032001301 Application Number 907074,745

Applicant

Peter G. SCHULTZ, et al.

Filing Date February 11, 2002

Group Art Unit 1627

	•		•				
			Mailing Date August 26, 2002	800			
	T	Activity of Titanium in Ti-Beta Cataly	sts," Stud. Surf. Sci. Catal. 82:531-5	40.			
MB	97. Carter, Charles W. Jr. et al. (1979). "Protein Crystallization Using Incomplete Factorial Experiments*" The Journal of Biological Chemistry Vol. 254, No. 23, Issue of December 10, pp. 12219-12223.						
7	98.	Carter, Charles W. Jr. et al. (1988). "S the Use of a Precrystallization Assay"		Protein Crystal Growth and			
	99.	Cava, R.J (1990) "Structural Chemistr Superconductors," Science 247:656-66		opper Oxide			
	100.	Choudhary et al. (1971). "Isomerization Screening," <i>J. Catalysis</i> 23:54-60.	on of <i>n</i> -Butene to Isobutene I. Selecti	on of Catalyst by Group			
	101.	ConesaCegarra et al. (1978). Empleo c Catalizadores," An. Quim. Supp.1:30-3		alisis no Destructivo de			
	102.	Coq et al. (1989). "Surface Reactions of Pure and Bimetallic Catalysts," J. M.		nistry Applied to the Study			
	103.	Corma et al. (1992). Óptically Active Complexes of Transition Metals (Rh ^I , Ru ^{II} , Co ^{II} and Ni ^{II}) with 2-Aminocarbonylpyrrolidine Ligands. Selective Catalysts for Hydrogenation of Prochiral Olefins," <i>J. Organometallic Chem.</i> 431:233-246.					
	104.		Costa et al. (1985). "Ethanol to Gasoline Process: Effect of Variables, Mchanism, and Kinetics," Ind. Eng. Chem. Process Des. Dev. 24(2):239-244.				
	105.	Creer et al. (1986). "The Design and C Evaluation," Appl. Catal. 22:85-95.	Construction of a Multichannel Micro	reactor for Catalyst			
	106.	Csencsits et al. (1989). "Microstructur ACS Symp. Ser. 411:365-378.	al Study of an Iron Silicate Catalyst	by Electron Microscopy,"			
	107.	Cwirla et al. (1990). "Peptides on Phag Natl. Acad. Sci., Vol. 87, pp. 6378-638		entifying Ligands." Proc.			
	108.	Czarnik, A.W. (1996). "Guest Editoria	al," Accounts of Chemical Research 2	29(3):112-113.			
	Dadyburjor, D.B. (1985). "Selectivity over Unifunctional Multicomponent Catalysts with Nonuniform Distribution of Components," <i>Ind. Eng. Chem. Fundam.</i> 24:16027.						
	110.						
	111.						
	112.						
MB	113.	DeWitt, S.H. et al. (1996). "Combinate Method," Accounts of Chemical Research		Davis's DIVERSOMER			
EXAMI	NER:	Mo	DATE CONSIDERED:	13/83			
				75-			

• • •				PTO/SB/08 (292) Sheet 113			
Form PTC)-1449		Docket Number 220032001301	Application Number 10/02,745			
OINFO		ON DISCLOSURE CITATION AN APPLICATION	Applicant Peter G. SC	CHULTZ, et al.			
AUG 2 6 20	02 8 (U	se several sheets if necessary)	Filing Date February 11, 2002	Group Art Unit 1626			
Č.	10		Mailing Date August 26, 2002	0/29			
& TRADEMA	RIF			8			
NB	114.	DiSalvo, Francis J. (1990). "Solid-Sta Vol. 247, pp. 649-655.	<u>-</u>				
	115.	Doudna, Jennifer A. (1993). "Crystall Matrix Approach" <i>Proc. Natl. Acad. S</i>					
	116.	Eckstein, R.J. et al. (1986). "Unattend Aspirin" <i>Anal. Chem.</i> , 58, 2316-2320	led, Robotic Drug-Release Testi	ng of Enterically Coated			
	117.	Ellington, Andrew D. and Szostak, Ja Specific Ligands." <i>Nature</i> , Vol. 346,		n of RNA Molecules that Bind			
	118.	Ellman, J.A. (1996). "Design, Synther Chemical Research 29(3):132-143	sis, and Evaluation of Small-Mo	elecule Libraries," Accounts of			
	119.	Farrell et al. (1979). "Dynamic Measu Catalyst During Adsorption and Catal					
	120.	Fawcett, T. (1987). "Greater than the Sum of its Parts: A New Instrument," Chemtech 17:564-569.					
	121.	Fister et al. (1994). "Controlling Solid State Reactions via Rational Design of Superlattice Reactants," in Advances in the Synthesis and Reactivity of Solids, JAI Press Inc., 155, et seq.					
	122.	Fodor et al. (1991). "Light-Directed, St. Vol. 251, pp. 767-773.	Spatially Addressable Parallel C	hemical Synthesis." Science,			
	123.	Forni et al. (1994). "La-Eu Cuprates a	as Catalysts for Phenol Oxidatio	n," J. Catalysis 145:194-203.			
	124.	Gallop et al., (1994) "Applications of Background and Peptide Combinators					
	125.	Garber, M.B. et al. (1991). "Purificating Synthesizing System from <i>Thermus ti</i>					
	126.	Gasiot et al. (1980). "Multisample Th 175:96-97.	ermoluminescence Reading," N	uclear Instru. and Methods			
	127.	Gates, B.C. (1990). "Summary of Accomplishments in Doe-Sponsored Project Entitled Metal-Support Bonds in Supported Metal Catalysts," DOE/ER/13790-3					
	128.	Gehrer et al. (1985). "A Fully Programmable System for the Study of Catalytic Gas Reactions," J. Phys. E: Sci. Instrum. 18:836-838.					
	129.	George, Ronald C. (1988). "Automated Dissolution Testing of Sustained Release Tablets" American Laboratory (Fairfield Connecticut), Vol. 20, No. 2					
	130.	Georgiades et al., "IR Emission Analysis of Termperature Profiles in Pt/SiO ₂ Catalysts During Exothermic Reactions," <i>Angew. Chem. Int. Ed. Engl.</i> , 26(10):1042-1043 (1987)					
M	131.						
MIZ	132.	Gil et al. (1981). "Physicochemical C	haracterization and Hydrodesuli				
EXAMI	NER:	Wa	DATE CONSIDERED: (43/03 W			
				4			

Form PTO-1449			Docket Number 220032001301	Application Number 10/071,745		
INFORMATION DISCLOSURE CITATION			Applicant	CE		
O P E IN AN APPLICATION			Peter G. SCH	HULTZ, E. 22		
(Use several sheets if necessary)			Filing Date February 11, 2002	Group Art Unit 1623		
ANG 5 6 500	Ы	1	Mailing Date August 26, 2002	300% 20 C		
Č.	8					
G TRADEMAS		Al ₂ O ₃ Catalysts Prepared by Different	Methods," Bull. Soc. Chim. Belg	g. 90(12):1331-1338.		
MZ	133.	Golebiowski et al. (1982). "Measuring Reactor Having a Preliminary Catalytic				
	134.	Gordon, E.M. et al. (1994) "Application Combinatorial Organic Synthesis, Libration Chemistry 37 (10):1385-1401.				
	135.	Gordon, E.M. et al. (1996). "Strategy a to Drug Discovery," Accounts of Chem		ganic Synthesis. Applications		
	136.	Govil et al. (1989) "Thermal Sensitivit 17:545-561.	y of Multi-Tube Reactors," Hun	garian J. of Industrial Chem.		
	137.	Gravert et al. (1997). "Organic Synthes Methodologies," Chemical Reviews 97		s: Liquid-Phase		
	138.	Gray, T.J. (1949). "The Application of Copper Oxide," Proc. Royal Society Le		nts in the Study of Catalysis on		
	139.	Hanak, "A Step Toward Automation o	of Materials Research," RCA Tec	chnical Report (4/3/69)		
	140.	Hanak, J.J., et al., (1969). "The effect of grain size on the superconducting transition temperature of the transition metals," <i>Physics Letters</i> , Vol. 30A, No. 3, pp. 201-202.				
	141.	Hanak, (1970a). "The 'Multiple-Samp Analysis and Testing of Entire Multico				
	142.	Hanak, J.J., et al., (1970b). "Radio-free Journal of Allied Physics, Vol. 41, No.		sten structure compounds,"		
	143.	Hanak, J.J., (1971). "Compositional de Journal of Vacuum Science and Techn				
	144.	Hanak, J.J., (1973). "Calculation of co <i>Appl. Phys.</i> , Vol. 44, No. 11, pp. 5142-		multicomponent films," J.		
	145.	Hanak, J.J., (1974). "Electroluminesce Suppl. 2, Pt. 1, pp. 809-812.	nce in ZnS: Mn _x : Cu _y rf-sputter	ed films," Japan J. Appl. Phys.,		
	146.	Hardisty, et al., (1994). "Thermal Imaging in Electronics and Rotating Machinery," <i>British Journal of NDT</i> , 36(2): 73-78.				
	147.	Hegedus et al. (1972). "An Improved Single-Pellet Reactor to Study the Interaction of Kinetics with Mass Transfer Effects in Heterogeneous Catalysis," Ind. Eng. Chem. Fundam. 11(4):579-584.				
	148.	Hickson et al. (1968). "The Thermal Behavior of Crystalline Aluminosilicate Catalysts," <i>J. Catal.</i> 10:27-33.				
MB	149.	Hill et al. (1991). "The Study of the Co Conversion. Application of Low Conv				
	<u> </u>			111		
EXAMI	VER:	Mos	DATE CONSIDERED:	H116>		
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.						

٠.	٠.				PTO/SB/D 2-92)			
Form	n PTO	-1449		Docket Number 220032001301	Application Ember 10/074,7			
01	' 6	1	ON DISCLOSURE CITATION AN APPLICATION	Applicant Peter G. SC				
AUG 7	6 2002	(U.	se several sheets if necessary)	Filing Date February 11, 2002	Group Art Unit			
		3	-	Mailing Date August 26, 2002	8			
W 4 70	ADEMARY	<u>y </u>			<u></u>			
	13	150.	Hill et al. (1992). "The Effect of Solve <i>Polym. J.</i> 28(4):391-398.	ent on the Styrene-Acrylonitrile	Copolymerization," Eur.			
V		151.	Holzenburg, Andreas "Preparation of for Bacterial D-Ribulose-1,5-biphospl 26*, pp. 341-356					
		152.	Hong et al. (1992). "Improving the Co of a Copolymer," J. Mol. Catalysis 77		ocating them on Different Units			
		153.	Hor et al. (1987). "High-Pressure Stud System," <i>Physical Review Letters</i> 58(conducting Compound			
		154.	Houghton et al. (1991). "Generation and Use of Synthetic Peptide Combinatorial Libraries for Basic Research and Drug Discovery." <i>Nature</i> , Vol. 354, pp. 84-86.					
		155.	Hsieh-Wilson et al. (1996). "Lessons from the Immune System: From Catalysis to Materials Science," Accounts of Chemical Research 29(3):164-170.					
		156.	Hsu, C.C. (1988). American Chemica Temperature Determination of Oxidat 33(4):643-647.					
		157.	Jansson et al. (1992). "Micro Vials on Electrophoresis," J. Chromatography		oduction in Capillary			
		158.	Jensen, J.V. et al. (1977). "A Deactiva Int. Congr. Catal. 6th Volume 2. G.C.					
		159.	Jin et al. (1994). "Thousandfold Chan Science 264:413-415.	ge in Resistivity in Magnetoresis	stive La-Ca-Mn-O Films,"			
		160.	Jonker et al. (1953). "Magnetic Compounds with Perovskite Structure III. Ferromagnetic Coupounds of Cobalt," <i>Physica</i> XIX:120-130.					
		161.	Jossens et al. (1982). "A Novel Reactor System That Permits the Direct Determination of Deactivation Kinetics for a Heterogeneous Catalyst," J. Catalysis 73(2):366-376.					
		162.	Karge et al. (1984). "Studies on the Modified Claus Reaction over Alkaline Faujasites by Simultaneous Infrared, Kinetics, and ESR Measurements," Stud. Surf. Sci. Catal. 18:49-59.					
		163.	Karge et al. (1988). "Spectroscopic In Reactions of Olefins," Catal. Today.		Zeolite Catalysts During			
		164.	Karge et al. (1993). "Preparation of B and Catlytic Tests," Stud. Surf. Sci. Co.		ate Ion Exchange in Zeolites			
		165.	Kelders, Henk A. et al. (1987). "Auto Stubtilisin:eglin Complex" <i>Protein En</i>					
Λ	NA	166.	Kiezel, L. et al., (1968) "Comparative Stosowana (Applied Chemistry) 407-		g Catalyst Activity," Chemia			

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

DATE CONSIDERED:

EXAMINER:

PTO/9B/08 (2) 92)

Docket Number 220032001301 Application No Form PTO-1449 Applicant INFORMATION DISCLOSURE CITATION Peter G. SCHULTZ, et al. IN AN APPLICATION (Use several sheets if necessary) Filing Date February 11, 2002 Group Art Unit 1 AUG 2 6 2002 Mailing Date August 26, 2002 Kirchnerova et al. (1994). "Evaluation of Some Cobalt and Nickel Based perovskites Prepared by Freeze-Drying as Combustion Catalysts," Chem. Abstracts 121(8): Abstract No. 87195f. Korneichuk et al. (1977c). "Block Multichannel Single-Row Reactor of Ideal Displacement," Chem. 168. Abstracts 87(8): Abstract No. 54929z. Korneichuk et al. (1977d). "Block Multichannel Single-Row Reactor of Ideal Displacement," Kinet. 169. Katal. 18:244-247. (Translation) Korneichuk et al. (1977a). "Block Multichannel Isothermal Reactor," Chem. Abstracts 87(8): 170. Abstract No. 54930t. 171. Korneichuk et al. (1977b). "Block Multichannel Isothermal Reactor," Kinet. Katal. 18:247-251. (Translation) Kubelkova et al. (1994). "H- and Cu- Forms of MFI Boralites with Enhanced Number of Skeletal 172. Boron Atoms. Sythesis and Properites," Stud. Surf. Sci. Catal. 84:1051-1058. Kulkova, N.V. et al., (1968), "An Apparatus for Testing Catalysts of the Oxidation of Ethylene Into 173. Ethylene Oxide," The Chemical Industry, Issue 9, pp. 16-18 (Translation) Lam et al. (1994). "A new type of Synthetic Peptide Library for Identifying Liband-binding Activity." 174. Nature, Vol. 354, pp. 82-84. Lam et al. (1997). "The 'One-Bead-One-Compound' Combinatorial Library Method," Chemical 175. Reviews 97(2):411-448. Lavelley et al. (1990). "In situ Fourier-transform Infrared Studies of Reaction Mechanisms in 176. Heterogeneous Catalysis," SPIE 1341:244-255. 177. Leasure et al., (1994) "Photochemical Preparation of a Film-Based Catalyst with Spatial Control" Inorg. Chem. 33 (7): 1247-1248 Lerner, et al. (1991). "At the Crossroads of Chemistry and Immunology: Catalytic Antibodies." 178. Science, Vol. 242, pp. 659-667. Liederman, D. et al., (1973). American Chemical Society, Dallas Meeting, April 8-13, 1973, 179. Evaluation of Co/Hydrocarbon Oxidation Catalysts For Automotive Emission Control Systems, Div. Prepr. Div. Pet. Chem. Soc. 15-32. Lobban, et al., (1989). "Standing Temperature Waves on Electrically Heated Catalytic Ribbons," J. 180. Phys. Chem., 93:733-736. Maeda et al. (1988). "A New Hight-T_c Oxide Superconductor without a Rare Earth Element," J. 181. Applied Physics 27(2):L209-210. Mahendiran, et al., (1995). "Low Temperature Linear Magnetic Field Sensor Based on 182. Magnetoresistance of the Perovskite Oxide La-Sr-Co-O," Rev. Sci. Instrum., 66(4):3071-3072 (1995) Martin et al. (1993). "Integrated enzyme reactor/detector for the determination of multiple substrates 183. by images analysis," Analytica Chimica Acta 281:557-568 Martin, P.A. et al., (1986). "Automation of Microtiter Plate-chromogenic Substrate LAL Endotoxin 184. DATE CONSIDERED: **EXAMINER:**

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in

conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/ 08 (2-92) pa-693419 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Docket Number 220032001301 **Application Numb** Form PTO-1449 Applicant RMATION DISCLOSURE CITATION Peter G. SCHULTZ, et al. IN AN APPLICATION (Use several sheets if necessary) Filing Date February 11, 2002 Group Art Unit 1627 Mailing Date August 26, 2002 PADEM Assay Method By Use of a Modified Cetus Pro/Pette Express System", J. Parenter. Sci. Technol. Vol. 40, No 2, pp. 61-66 185. Martinez, Sergio E. et al. (1991). "Crystallization and Preliminary Characterization of Mitogillin, a Ribosomal Ribonuclease from Aspergillus restrictus" J. Mol. Biol. 218, 489-492 McPherson, Alexander (1992). "Two Approaches to the Rapid Screening of Crystallization 186. Conditions" Journal of Crystal Growth 122, 161-167 Meriaudeau et al. (1991). "Dual Function Mechanism of Alkane Aromatization over H-XSM-5 187. Supported Ga, Zn, Pt Catalysts: Respective Role of Acidity and Additive," Stud. Surf. Sci. Catal. 60:267-269. Miessner et al. (1993). "Characterization of Highly Dealuminated Faujasite-type Zeolites: Ultrastable 188. Zeolite Y and ZSM-20," J. Phys. Chem. 97:9741-9748. Moates, et al., (1996), "Infrared Thermographic Screening of Combinatorial Libraries of 189. Heterogeneous Catalysts," Ind. Eng. Chem. Res., 35:4801-4803. 190. Moon et al. (1981). "A Simple-Design High Vacuum Infrared Cell for in Situ Studies of Supported Metal Catalysts," Ind. Eng. Chem. Fundam. 20:296-299. Morrison, Jr., et al., (1996). "In situ Infrared Measurements During Hot Filament CVD of Diamond in 191. a Rotating Substrate Reactor," Diamond and Related Metals, 5:242-246. Needels et al. (1993). "Generation and Screening of an Oligonucleotide-encoded Synthetic Peptide 192. Library." Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 10700-10704. 193. Nefzi et al. (1997). "The Current Status of Heterocyclic Combinatorial Libraries," Chemical Reviews 97(2):449-472. Nogin et al. (1993). "Organometallics Derived (pd=Ln)/SiO2 Catalysts for the Reactions of Sythesis 194. Gas Conversion," Catalysis Letters 23:79-86. Ohlmeyer et al. (1993). "Complex Synthetic Chemical Libraries Indexed with Molecular Tags." Proc. 195. Natl. Acad. Sci. USA, Vol. 90, pp. 10922-10926. Osborne et al. (1997). "Nucleic Acid Selection and the Challenge of Combinatorial Chemistry," 196. Chemical Reviews 97(2):349-370. Ozin et al. (1992). "Zeolates: A Coordination Chemistry View of Metal-Ligand Bonding in Zeolite 197. Guest-Host Inclusion Compounds," Chem. Matter. 4:511-521. 198. Paul, Andreas et al. (1992). "Two-dimensional Crystallization of a Bacterial Surface Protein on Lipid Vesicles Under Controlled Conditions" Biophys. J. Vol. 61, pp. 172-188. Pawlicki, et al., (1987). "Spatial Effects on Supported Catalysts," Chemical Engineering Progress, 199. pp. 40-45. Pirrung, M.C. (1997). "Spatially Addressable Combinatorial Libraries," Chemical Reviews 97(2):473-200. Pollack, Scott J. (9186). "Selective Chemical Catalysis by an Antibody." Science, Vol. 234, pp. 1570-201. DATE CONSIDERED **EXAMINER:**

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in

conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/ 08 (2-92) pa-693419 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

, ,				PTO/SB/08 (22)		
Form PTC)-1449		Docket Number 220032001301	Application Number 10/074745		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant Peter G. SCHULTZ, et al.			
Q14E	in a	lse several sheets if necessary)	Filing Date February 11, 2002	Group Art Unit 1627		
MR 5 6 500			Mailing Date August 26, 2002			
ANO -	3	1.22		B		
TRADEMAR		1573.	16 d 0' k E 1	· · · · · · · · · · · · · · · · · · ·		
112	202.	Ramdasi et al. (1993). "Simple Meth Oxidation Catalysts," J. Chem. Tech.	Biotechnol. 57:109-112.			
	203.	Ramirez de Agudelo et al. (1991). "A Selectivity," Chem. Eng. J. 46:61-68		Processing III. Activity and		
	204.	Reddy et al. (1994). "Synthesis, Char Silicate Molecular Sieves with MEL				
	205.	Richardson et al., (1989) "Characteri 159-176	zation and Deactivation of NiO	-ThO _{2,} " Applied Catalysis 48:		
	206.	Richter et al. (1992). "Isomerization Ber, Bunsen-Ges. Phys. Chem. 96:58		pe Microporus Gallosilicates,"		
Tan T	207.	Robinson et al. (1969). "Catalytic Va Rhodium Complexes," J. Catalysis 1		Propylene over Supported		
	208.	Rogers et al. (1989). "DTA Apparatus as a Catalytic Microreactor with On-line Analysis of the Products," Appl. Catal. 51:181-194.				
	209.	Rubinstein et al. (1974). "Role of Str NiO-TiO ₂ System," J. Catalysis 35:8		ns in the Catalytic Behaviour of		
	210.	Sarkany et al. (1982). "The Measurer Micropulse Reactor Technique: Adso 36(3):320-322.				
	211.	Schuth et al. (1990). "Synchrony and Catalysts," J. Chem. Phys. 92(1):745		cillations on Supported		
	212.	Scott, Jamie K. and Smith, George P Library." Science, Vol. 249, pp. 386-		Ligands with an Epitope		
	213.	Serrano et al. (1985). "A Multifuncti Catalysis 19:119-139.	onal In Situ Catalyst Characteriz	zation Apparatus," Appl.		
	214.	Shukla et al. (1985). "Isomerization and Hydrolysis Reactions of Important Di-saccharides over Inorganic Heterogeneous Catalysts," <i>Carbohydr. Res.</i> 143:97-106.				
	215.	Singh et al. (1993). "Antifertility and Biocidal Activities of Organometallics of Silicon, Germanium, Titanium and Zirconium Derived from Z-Acetylthiophene Thiosemicarbazone," Appl. Organometallic Chem. 7:289-292.				
	216.	Sleight, A.W. (1988). "Chemistry of Hight-Temperature Superconductors," Science 242:1519-1527.				
	217.	Smith, G.P. et al. (1997). "Phage Dis	splay," Chemical Reviews 97(2):	391-410.		
MZ	218.	Spitsyn et al. (1982). "A Flow-Type Katąl. 23:759-761. (Translation)	Apparatus for Testing Catalysts	at Increased Pressure," Kinet		
		1140-		1/61		
EXAMI	NER:	WVD -	DATE CONSIDERED:	7/3/63		
EXAMI	NER: Init	ial if citation considered, whether or not the cita	ation conforms with MPEP 609. Draw	a line through the citation if not in		

Application

Docket Number 220032001301

Form PTO-1449 Applicant ORMATION DISCLOSURE CITATION Peter G. SCHULTZ, et al IN AN APPLICATION (Use several sheets if necessary) Filing Date February 11, 2002 Group Art Unit 1 Mailing Date August 26, 2002 219. Stadelmaier, H.H. (1993). "Intermetallics for Permanent Magnets," IEEE Trans. on Magnetics 29(6):2741-2746. Stein et al. (1992). "Silver, Sodium Halosodalites: Class A Sodalites," J. Am. Chem. Soc. 114:5171-220. 5186. 221. Steininger et al. (1982). "Four-reactor Apparatus for Chromatographic Studies of Catalysts and Sorbents," *J. Chromatog.* 243:279-284. Still, W.C. (1996). "Discovery of Sequence-Selective Peptide Binding by Synthetic Receptors Using 222. Encoded Combinatorial Libraries," Accounts of Chemical Research 29(3):155-163. 223. Sudhakar et al. (1992). "Development of a Micro Hydroprocessing Test for Rapid Evaluation of Catalysts," Stud. Surf. Sci. Catal. 75:1419-1430. Sullivan et al. (1992). "Surface Analysis with FT-IR Emission Spectroscopy," Appl. Spectrosc. 224. 46(5):811-818. Szostak, J.W. (1997). "Introduction: Combinatorial Chemistry," Chemical Reviews 97(2):347-348. 225. 226. Temkin et al. (1969). "Laboratory Reactor with Ideal Displacement," Kinet. Katal. 10:461-463. (Translation) Terrett, N. (1996). "Profiles: Combinatorial Chemisty," DDT 1(9):402. 227. Thayer, A.M. (1996). "Combinatorial Chemistry Becoming Core Technology at Drug Discovery 228. Companies," Chemical & Engineering News February: 57-64. Toshima, N. (1978). "Immobilized Metal Complexed for Organic Synthesis," Yuki Gosei Kaguku 229. Kyokaishi 36:909-916. Tramontano et al. (1986). "Catalytic Antibodies." Science, Vol. 234, pp. 1566-1570. 230. Treacy et al. (1993). "A Combinatorial Method for Generating New Zeolite Frameworks," Proc. Int. 231. Zeolite Conf. 9th 1:381-388. Tuerk, Craig and Gold, Larry. (1990). "Systematic Evolution of Ligands by Exponential Enrichment: 232. RNA Ligands to Bacteriophage T4 DAN Polymerase." Science, Vol. 249, pp. 505-510. U.S. Department of Energy Feil Task Proposal/Agreement. Principal Investigators: Schultz, P and M. 233. Alper. January 26, 1994. Uzgiris, Egidijus E. et al. (1983). "Two-dimensional Crystallization Technique for Imaging 234. Macromolecules, With Application to Antigen-antibody-complement Complexes" Nature Vol. 301, 13, pp. 125-129 Vannice et al. (1979). "A Design for a Combined Infrared Cell/Differential Single-Pass Reactor," J. 235. Phys. E. Sci. Instrum. 12:849-852. Vannice et al. (1980). American Chemical Society, Houston Meeting, March 23-28, 1980. "A 236. Simultaneous IR/Kinetic Study of Supported Platinum Methanation Catalysts," Preprints Symposia 25(2):303-311. **EXAMINER:** DATE CONSIDERED:

EXAMINER: Initial & citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in

Form PTO	-1449		Docket Number 220032001301	Application Number 10/074745		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Peter G. SCHULTZ, et al.				
ે જુ	(0	se several sheets if necessary)	Filing Date February 11, 2002	Group Art Units 627		
2 6 2002 8)		Mailing Date August 26, 2002	80,		
2008				TO TO THE PARTY OF		
TRANS	237.	Vignes, S., et al., (1961). Compt. Ren	d. Congr. Ind. Gaz., 78, 405-41	1.		
	238.	Voyatzis et al. (1994). "Simultaneous, Sequential, and Reverse Sequential Techniques for the Preparation of Binary Silica-Supported Sodium/Strontium Catalysts and the Effect of Carbon Tetrachloride on the Oxidative Coupling of Methane," <i>Energy & Fuels</i> 8:1106-1114.				
	239.	Vrinat et al. (1984). "A Comparison of Some Catalytic Properties of Unsupported MoS2 and WS2 Catalysts Promoted by Group VIII Metals," Bull. Soc. Chim. Belg. 93(8-9):697-705.				
	240.	Wachs et al. (1993). "Applications of 10:102-153.	Raman Spectroscopy to Hetero	ogeneous Catalysis," Catalysis		
	241.	Wang, H., et al. (1996). Advanced Th	nermal Imaging of Composites,'	'Ceram. Trans. 74: 609-618.		
	242.	Waugh, K.C. (1988). "In Situ Study of Epoxidation," Appl. Catalysis 43:315		hanol Synthesis and Ethylene		
	243.	Wu et al. (1987). "Superconductivity at 93 K in a New Mixed-Phase Y-Ba-Cu-O Compound System at Ambient Pressure," <i>Physical Review Letters</i> 58(9):908-910.				
	244.	Yamaguchi et al., (1995). "Magnetore Physical Society of Japan, 64(6): 188		FLa _{1-x} SR _x CoO ₃ ," Journal of the		
NZ	245.	Zingg et al. (1980). "A Surface Spectroscopic Study of Molybdenum-Alumina Catalysts Using X-Ray Photoelectron, Ion-Scattering, and Raman Spectroscopies," J. Phys. Chem. 84:2898-2906.				

EXAMINER:

DATE CONSIDERED:

413003